

## **PROXIMITY AS AN AID TO CACHING AND SECONDARY SERVING OF DATA**

### **Abstract of the Disclosure**

5           A proximity-based content control method “propagates” or positions content based  
upon “proximity” between various nodes on a network. The nodes between which the  
content is propagated include content libraries, servers, and clients. In one case, the relative  
proximities of two content servers to a particular client or group of clients determines which  
of these servers serves client requests. In another case, the method employs anticipatory  
10 loading of content from a library to a server based upon the server’s proximity to a given  
client-base. Yet another application involves adding or removing server capacity to a network  
based upon proximity to clients. Another application applies proximity affects to cache  
release algorithms. A “content control system” calculates proximity dynamically and  
automatically decides whether to move content based upon the proximity calculation.